

# **EXHIBIT 14**



# Baicells PLMN Migration Plan

CONNECT MORE WITH LESS

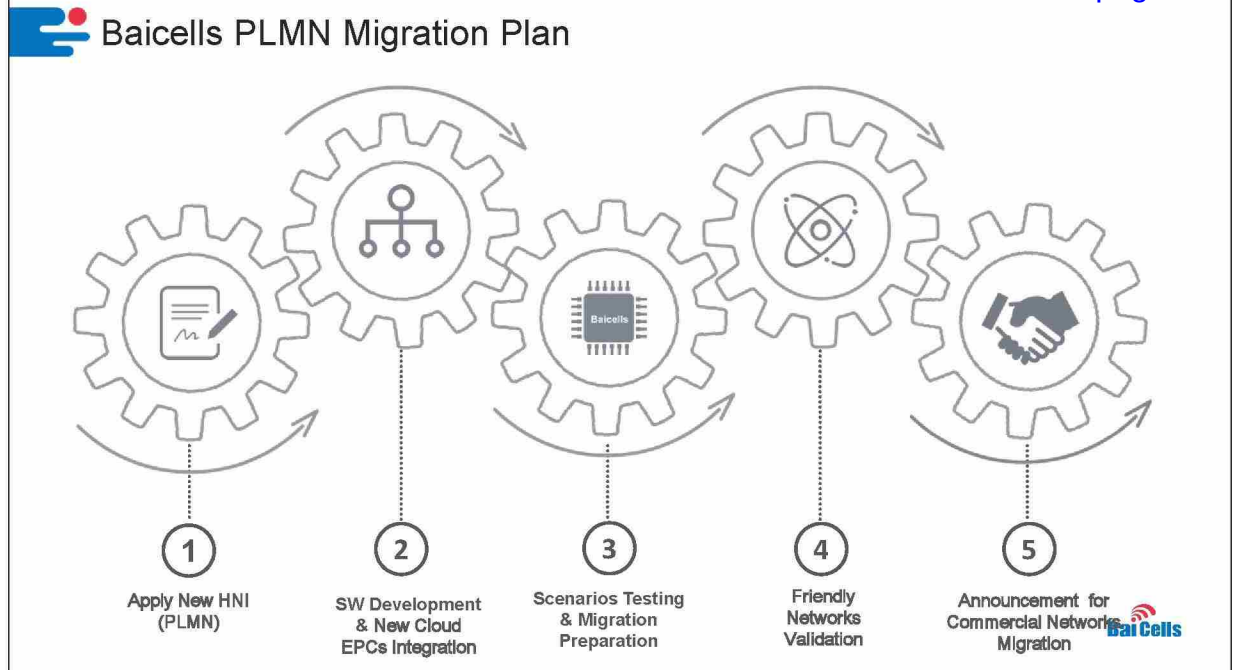
Baicells Confidential

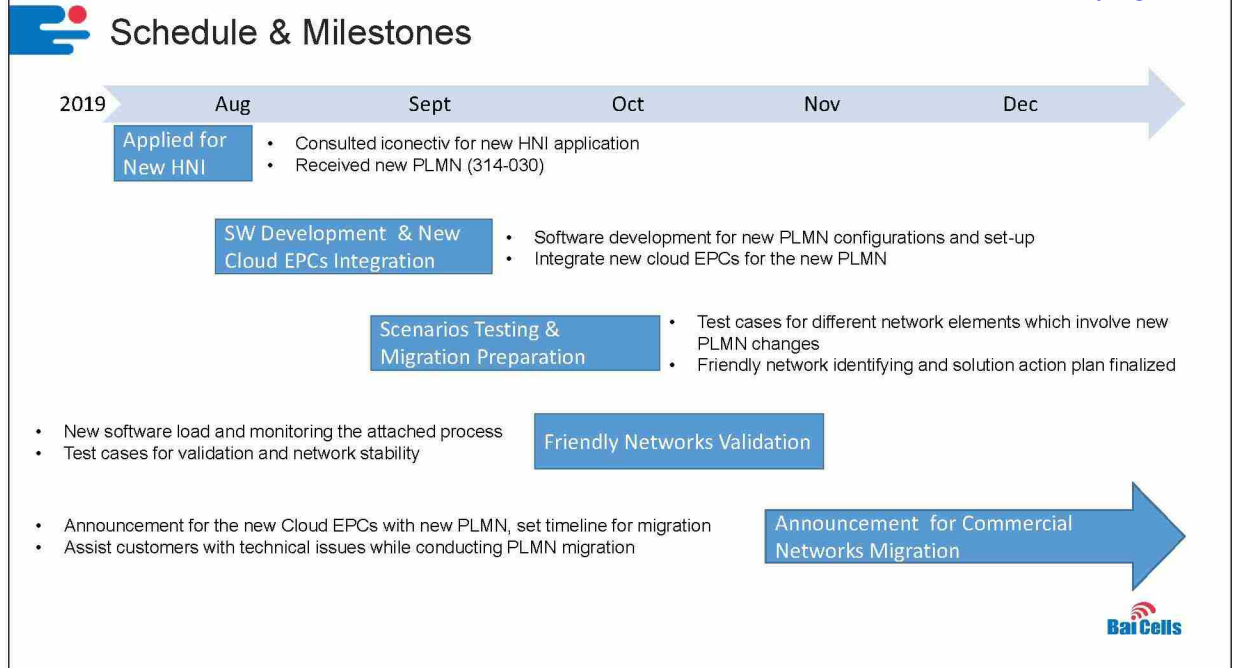


## Background

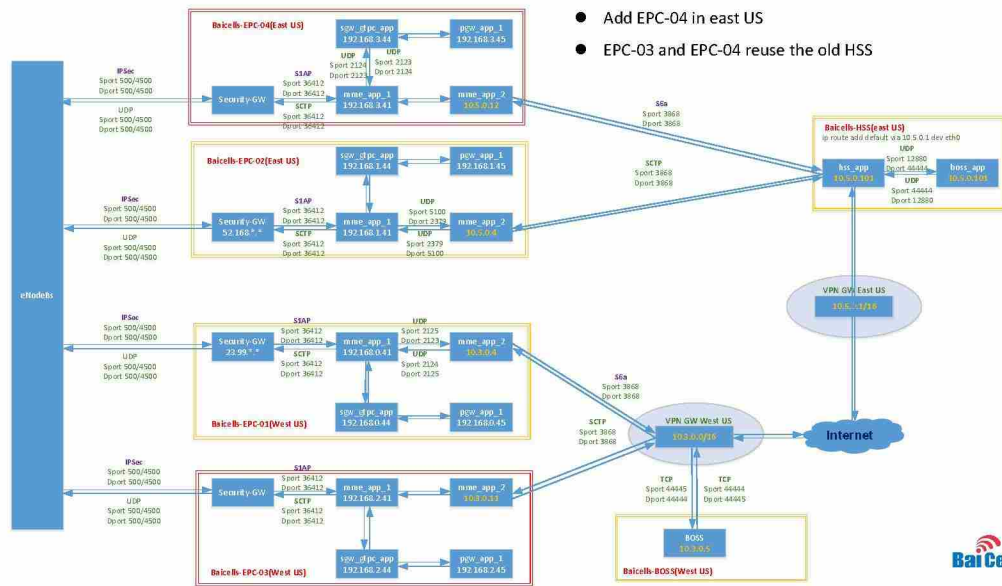
- PLMN “311-98” historically used in Baicells Cloud EPC appears to be un-registered in ITU
- To help overcome confusion, Baicells applied for and has received a new HNI/PLMN (314-030)
- Multiple scenarios need to be tested prior the new PLMN migration
- Commercial networks step-by-step migration is expected to take 3-6 months to ensure network safety







- Add EPC-03 in west US
- Add EPC-04 in east US
- EPC-03 and EPC-04 reuse the old HSS





## Solution Test for Cloud EPC

■ Below test cases should be tested at least:

- MME Pool test for EPC-03 and EPC-04
- eNB upgrade test for all kinds of history versions
- Access to new EPC (new PLMN): Old USIM cards, all kinds of CPE version, new eNB SW version with new PLMN
- Access to new EPC (new PLMN): New USIM cards, all kinds of CPE version, new eNB SW version with new PLMN
- OMC and BOSS functions for new cloud EPC and new USIM cards





## Test Cases for Network Elements

Test ID	Test case slogan	Result
Cloud EPC Test	MME pool test for EPC-03 and EPC-04	
eNB Test	eNB can successfully migrate to new cloud EPC after upgrade	
	HaloB scenario with new software	
	Cloud EPC scenario with new software	
	Local EPC scenario with new software	
	eNB upgrade path verification	
CPE Test	CPE can connect to the new Cloud EPC after eNB upgrade	
	CPE can roam to the new PLMN automatically after eNB upgrade	
Call Test	Access to new EPC(New PLMN): old USIM cards, all kinds of CPE version with eNB new software version	
	Access to new EPC(New PLMN): new USIM cards, all kinds of CPE version with eNB new software version	
	Access to old EPC(Old PLMN): new USIM cards, all kinds of CPE version with eNB new software version	
OMC & Boss Test	OMC and Boss functions for new cloud EPC and new USIM cards	







## HaloB Migration Plan

Step	To Do	Task	Owner	deadline	Status
1	Investigation	Investigate what HaloB versions were used	Yao Li	8/7/2019	Done
2	New Halo SW release	Release the new eNB software version	Zhang Dandan		
3	Solution Test	Verify all kinds of scenarios, include OMC/BOSS functions	?		
4	Migration	Upgrade HaloB/CPE software version and change the related configurations	Jesse		





## Local EPC Migration Plan

- Usually, PLMN is configured as customer's own PLMN data, no need to change anything.
- If there are some scenarios configured as invalid PLMN, please follow steps to fix:
  - Change PLMN configurations on EPC
  - Change PLMN configurations on eNodeB
  - Enable CPE's roaming switch

